

# 压缩弹簧

## 外径基准不锈钢型

中载/重载 允许位移量L×60%

| 代码             | 类型          | 负载       | 材质         | 表面处理 | 允许位移量   |
|----------------|-------------|----------|------------|------|---------|
| YGURA<br>YUGRB | 外径基准<br>标准型 | 中载<br>重载 | SUS304-WPB | —    | F=L×60% |

### □ D尺寸公差

| D    | 公差   |
|------|------|
| 14以下 | ±0.3 |
| 15以上 | ±0.4 |

### □ L尺寸公差

| L       | 公差 |
|---------|----|
| 50以下    | ±1 |
| 51~100  | ±2 |
| 101~250 | ±4 |

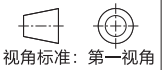
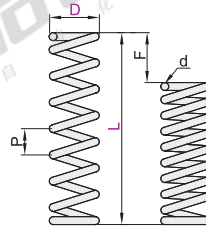
### □ 弹簧常数计算方法

最大负载N(kgf)  
弹簧常数 =  $\frac{\text{最大负载N(kgf)}}{L \times \text{允许位移量\%}}$

□ 负载(kgf)=负载N×0.101972

### □ 注意事项:

- 1.线径d≤0.9时,两端均未进行磨削加工。
- 2.使用次数:100万次(非保证值,产品设计优先保证压缩量与弹簧系数,部分型号寿命理论值达不到百万次,对寿命有强制要求的请联系工程评估)。
- 3.请在允许位移量%以内使用。



视角标准:第一视角

### □ 中载

| 型号    | 代码 | D   | L    | d   | 最大负载(N) | P节距(参考) |
|-------|----|-----|------|-----|---------|---------|
| YGURA | 5  | 15  | 0.4  | 2.5 | 1.8     |         |
|       |    | 20  |      |     |         |         |
|       |    | 25  |      |     |         |         |
|       |    | 30  |      |     |         |         |
|       |    | 65  |      |     |         |         |
|       | 6  | 15  | 0.45 | 2.5 | 2       |         |
|       |    | 16  |      |     |         |         |
|       |    | 20  |      |     |         |         |
|       |    | 25  |      |     |         |         |
|       |    | 30  |      |     |         |         |
|       |    | 35  |      |     |         |         |
|       | 7  | 15  | 0.5  | 2.7 | 2.2     |         |
| YGURA |    | 20  |      |     |         |         |
|       |    | 25  |      |     |         |         |
|       |    | 30  |      |     |         |         |
|       |    | 90  |      |     |         |         |
|       | 8  | 40  | 0.6  | 4.6 | 2.7     |         |
|       |    | 45  |      |     |         |         |
|       |    | 90  |      |     |         |         |
|       |    | 100 |      |     |         |         |
|       | 9  | 19  | 0.7  | 7.1 | 2.9     |         |
|       |    | 20  |      |     |         |         |
|       |    | 30  |      |     |         |         |
|       |    | 90  |      |     |         |         |
| YGURA |    | 20  |      |     |         |         |
|       |    | 25  |      |     |         |         |
|       |    | 28  |      |     |         |         |
|       |    | 30  |      |     |         |         |
|       |    | 35  |      |     |         |         |
|       | 10 | 40  | 0.8  | 9.3 | 3.4     |         |
|       |    | 45  |      |     |         |         |
|       |    | 50  |      |     |         |         |
|       |    | 60  |      |     |         |         |
|       |    | 100 |      |     |         |         |
|       |    | 110 |      |     |         |         |
|       | 11 | 21  | 0.8  | 7.9 | 3.5     |         |
| YGURA |    | 40  |      |     |         |         |
|       |    | 25  |      |     |         |         |
|       |    | 30  |      |     |         |         |
|       |    | 40  |      |     |         |         |
|       | 12 | 50  | 0.9  | 9.6 | 3.8     |         |
|       |    | 60  |      |     |         |         |
|       |    | 120 |      |     |         |         |

### □ 中载

| 型号    | 代码 | D   | L   | d    | 最大负载(N) | P节距(参考) |
|-------|----|-----|-----|------|---------|---------|
| YGURA |    | 24  |     |      |         |         |
|       |    | 25  |     |      |         |         |
|       |    | 30  |     |      |         |         |
|       | 13 | 40  | 0.9 | 9.1  | 4.2     |         |
|       |    | 60  |     |      |         |         |
|       |    | 100 |     |      |         |         |
|       |    | 150 |     |      |         |         |
|       | 14 | 30  | 1   | 10.1 | 4.2     |         |
|       |    | 40  |     |      |         |         |
|       |    | 50  |     |      |         |         |
|       |    | 100 |     |      |         |         |
|       | 15 | 40  | 1   | 9.9  | 5       |         |
| YGURA |    | 50  |     |      |         |         |
|       |    | 85  |     |      |         |         |
|       |    | 120 |     |      |         |         |
|       |    | 30  |     |      |         |         |
|       | 16 | 40  | 1.2 | 17   | 5       |         |
|       |    | 50  |     |      |         |         |
|       |    | 60  |     |      |         |         |
|       | 17 | 80  | 1.2 | 17.1 | 5.9     |         |
|       |    | 35  |     |      |         |         |
|       |    | 40  |     |      |         |         |
|       | 18 | 50  | 1.4 | 26.2 | 5.9     |         |
| YGURA |    | 55  |     |      |         |         |
|       |    | 120 |     |      |         |         |
|       |    | 160 |     |      |         |         |
|       |    | 40  |     |      |         |         |
|       |    | 50  |     |      |         |         |
|       | 20 | 95  | 1.6 | 37.4 | 6.7     |         |
|       |    | 100 |     |      |         |         |
|       |    | 110 |     |      |         |         |
|       |    | 120 |     |      |         |         |
|       |    | 140 |     |      |         |         |
|       |    | 200 |     |      |         |         |
|       | 23 | 45  | 1.8 | 45.4 | 7.8     |         |
| YGURA |    | 50  |     |      |         |         |
|       |    | 60  |     |      |         |         |
|       |    | 70  |     |      |         |         |

### □ 中载

| 型号    | 代码 | D   | L   | d    | 最大负载(N) | P节距(参考) |
|-------|----|-----|-----|------|---------|---------|
| YGURA |    | 50  |     |      |         |         |
|       |    | 55  |     |      |         |         |
|       |    | 60  |     |      |         |         |
|       |    | 65  |     |      |         |         |
|       |    | 70  |     |      |         |         |
|       |    | 75  |     |      |         |         |
|       | 25 | 80  | 2   | 56.3 | 7.8     |         |
|       |    | 100 |     |      |         |         |
|       |    | 110 |     |      |         |         |
|       |    | 120 |     |      |         |         |
|       |    | 125 |     |      |         |         |
|       |    | 150 |     |      |         |         |
| YGURA |    | 250 |     |      |         |         |
|       |    | 70  |     |      |         |         |
|       | 27 | 80  | 2.3 | 75   | 7.5     |         |
|       |    | 90  |     |      |         |         |

### □ 重载

| 型号    | 代码 | D   | L    | d    | 最大负载(N) | P节距(参考) |
|-------|----|-----|------|------|---------|---------|
| YGURB | 5  | 15  | 0.4  | 3.3  | 2.3     |         |
|       |    | 20  |      |      |         |         |
|       |    | 15  |      |      |         |         |
|       | 6  | 20  | 0.45 | 3.3  | 2.6     |         |
|       |    | 40  |      |      |         |         |
|       |    | 50  |      |      |         |         |
|       |    | 15  |      |      |         |         |
|       | 7  | 20  | 0.5  | 3.5  | 2.9     |         |
|       |    | 25  |      |      |         |         |
|       |    | 30  |      |      |         |         |
|       |    | 20  |      |      |         |         |
|       |    | 25  |      |      |         |         |
| YGURB | 8  | 27  | 0.6  | 6    | 3.5     |         |
|       |    | 35  |      |      |         |         |
|       |    | 50  |      |      |         |         |
|       |    | 100 |      |      |         |         |
|       | 9  | 60  | 0.7  | 8.7  | 3.5     |         |
|       |    | 20  |      |      |         |         |
|       |    | 21  |      |      |         |         |
|       |    | 25  |      |      |         |         |
|       | 10 | 50  | 0.8  | 12.1 | 4.4     |         |
|       |    | 60  |      |      |         |         |
|       |    | 100 |      |      |         |         |
|       |    | 120 |      |      |         |         |

### □ 重载

| 型号    | 代码 | D   | L   | d    | 最大负载(N) | P节距(参考) |
|-------|----|-----|-----|------|---------|---------|
| YUGRB | 11 | 30  | 0.8 | 11   | 4.9     |         |
|       |    | 25  |     |      |         |         |
|       | 12 | 35  | 0.9 | 12.5 | 4.9     |         |
|       |    | 40  |     |      |         |         |
|       |    | 80  |     |      |         |         |
|       | 14 | 50  | 1   | 13.1 | 5.5     |         |
|       |    | 30  |     |      |         |         |
|       | 15 | 70  | 1   | 14.9 | 6.5     |         |
|       |    | 80  |     |      |         |         |
|       |    | 170 |     |      |         |         |
|       |    | 30  |     |      |         |         |
|       |    | 40  |     |      |         |         |
| YUGRB | 16 | 70  | 1.2 | 22   | 6.5     |         |
|       |    | 80  |     |      |         |         |
|       |    | 100 |     |      |         |         |
|       |    | 160 |     |      |         |         |
|       |    | 35  |     |      |         |         |
|       | 18 | 50  | 1.4 | 34   | 7.7     |         |
|       |    | 90  |     |      |         |         |
|       |    | 100 |     |      |         |         |
|       |    | 40  |     |      |         |         |
|       |    | 60  |     |      |         |         |
|       | 20 | 75  | 1.6 | 48.3 | 8.7     |         |
|       |    | 100 |     |      |         |         |
| YUGRB |    | 150 |     |      |         |         |
|       |    | 200 |     |      |         |         |
|       |    | 45  |     |      |         |         |
|       | 23 | 60  | 1.8 | 58.9 | 10.1    |         |
|       |    | 80  |     |      |         |         |
|       |    | 150 |     |      |         |         |
|       |    | 50  |     |      |         |         |
|       | 25 | 58  | 2   | 71.9 | 10.2    |         |
|       |    | 250 |     |      |         |         |
|       |    | 70  |     |      |         |         |
|       | 27 | 90  | 2.3 | 96.8 | 9.6     |         |
|       |    | 100 |     |      |         |         |



请按图示订货

| 型号           | 代码 | D  | L  |
|--------------|----|----|----|
| YGURA        | 5  | 15 | 20 |
| YGURA—D5—L15 |    |    |    |



未税价(元)

| 数量 | 1~4  | 5~   |
|----|------|------|
| 价格 | 100% | 另行报价 |



| 交货期 | 8 |
|-----|---|
|-----|---|